

2012 INFORMATION MANAGEMENT AWARDS

Congratulations to the 2012 Information Management Award Recipients

Technical Excellence Award

National Renewable Energy Laboratory (NREL), Leadership in Energy and Environment Design (LEED) Platinum Facility

In recognition of NREL's cross-functional team that designed and built the RSF data center for their outstanding team performance.

NREL's Research Support Facility (RSF) is the laboratory's newest sustainable green building. This 360,000 ft² (LEED) Platinum office building is a showcase for energy efficiency and renewable energy technologies. The energy goal for the building is 35kBtu/ft²/year—less than half when compared to buildings of its kind. All of the power needed for the building is generated from a rooftop solar energy system, making the building net-zero energy. Data centers are the most energy intensive facilities in most buildings. In order to maintain the RSF's "world's most energy efficient building" status, the energy requirements for the data center's infrastructure was optimized and every watt for IT equipment operating in it was scrutinized. This team leveraged its expertise in building and thermal systems research, data center cooling system design and operation, data center management, and IT system design to drive the architecture and implementation of the data center to complement the unprecedented energy goals of the RSF.

Awardees

Supervisor:

Robert Hanson

Team Members:

Paul Torcellini

Shanti Pless

Otto VanGeet

Kevin Donovan

Chuck Powers

Craig Robben

DOE Hanford/MSA Information Management: Cloud Computing

In recognition of the Hanford Federal Cloud successful team implementation of cloud initiatives

The Hanford Federal Cloud initiative was designed to maximize past investments, current investments, and future planned investments. With direction and support of Ben Ellison, DOE-RL/ORP CIO, the MSA and Lockheed Martin Information Management team developed the Hanford Federal Cloud initiative to serve as a framework or "blueprint" and required all infrastructure projects to align with the initiative. The HFNet project was successfully led by DOE RL Infrastructure Program Manager Gene Higgins and DOE-RL Project Manager Anthony Taylor, and implemented by the MSA/LMSI Information Management team.

Awardees

Supervisor:

Ben Ellison

Team Members:

Justin Benoit
Gene Higgins
Anthony Taylor
Dennis Rains
John Roach
Andrew Brickey
Gabriel Suarez
Jason Lacher
Tristan Kelley
David Kauer
Anel Suarez
Kristine Wagner
Marilyn Johnson
Dale McElroy

DOE Hanford/ MSA Information Management: Voice-over Internet Protocol (VoIP)

In appreciation of their dedicated support, and the successful implementation of VoIP at Hanford with the Hanford Voice over Internet Protocol (VoIP) Project.

The VoIP team is made up of individuals across several organizations, all supporting the efforts at Hanford to implement green, 21st Century IT architecture. Leading the effort from DOE was Gene Higgins, who has worked tirelessly to align IT investments with three separate DOE offices and eight prime contractors and to integrate IT technology with Environmental Projects to contribute to the safe cleanup of the Hanford Site. Gene worked with the MSA Information Management Leadership team to ensure funding was secured and provided to the project team for design and implementation of the VoIP system. The Lockheed Martin/MSA Project team was led by John Morgan with support from Derek Trebes for special circuit application design. Several individual contributors are named for their dedication to supporting the efforts that brought the project in within schedule and budget. If not for the engineers making sure the system design would function, and field support deploying phones, the project would not have been such a tremendous success.

Awardees

Supervisor:

Gene Higgins

Team Members:

Todd Eckman
Justin Benoit
John Morgan
Derek Trebes
Quinn Bragg

Melissa Ivy
Ben Glese
Tammy Flores
John Heaton
Bert Spear
Talia Wolfgramm
Ali Broemeling
Ashley Knode
Jordan Konen
Jerry Cubberley
Alan Yang
Mike Kohlhoff
Mike Caton

Management /Administrative Excellence Award

Peter Lenentine, Office of the CIO IT Capital Planning and Architecture Division

For leading and supporting a first-of-a-kind senior management technical strategy, "TechStrat" review of commodity IT services impacting over \$140 million in annual IT investment.

Peter Lenentine led the design and implemented the data analysis, review process, and review documentation for this first-of-a-kind strategic technical review. This complex effort included gathering commodity IT data from across the Department; comparisons across data sets and industry benchmarks; and presentation and facilitation of senior management review and discussion of the analysis.

Individual Awardee

Peter Lenentine

DOE/Hanford MSA Information Management — ECP Team

For their vision, leadership, and commitment to the development of a technically superior Hanford Employee Concerns application capable of serving the entire DOE and federal contractors complex through application leveraging and sharing.

The role of Team ECP was the design, development, implementation, and rollout of a robust, state-of-the-art Employee Concerns Program Web Application. The Application requirements addressed DOE Order 442.1A, Employee Concerns Program Guide. Provided the project management and technical expertise to accomplish the goal of delivering this dynamic, engaging, secure, and valuable tool for the Department of Energy continual roll out of the application to the Department of Energy and multiple contractors.

Awardees

Supervisor:

Stanley Branch

Team Members:

Sandra Kuhns
Kathy Griffith

Don Stewart
Brant Vondruska
Paul Felts

Executive Leadership Award

DOE Contractor Collaboration Team

For their collaboration among SRS, Oak Ridge, and Hanford providing savings for the DOE complex.

In 2010, DOE EM subcontractors began meeting regularly as an ad hoc IPT for Enterprise Architecture discussions. DOE HQ support of these discussions evolved and the subcontractor team recognized that this forum could be leveraged to share solutions, discuss issues, and expand each site's knowledge base by utilizing experts across the DOE complex. From this activity, the team has evolved and onsite meetings have been held every six months at three different DOE EM locations with participants from many sites. Last year's DOE IMC provided a pre-meeting opportunity for this team, and many sites were able to participate and share experiences and actual applications or solutions with other sites. The theme of the team is Reduce, Reuse, and Recycle (and to avoid reinvention!). The observations and outcomes of this effort will be discussed.

Awardees

Supervisor:

Regina Crolley

Team Members:

Jeanne Beard
Lewann Belton
Don Scheve
Dean Newton
Todd Eckman

Ben Ellison, Hanford Federal Cloud (HFC) Initiative

For his leadership, creativity, energy and sheer tenacity supporting the IM goals to identify and prioritize initiatives and projects to best benefit the Hanford Site.

Ben Ellison is diligently working toward creating cultural changes at Hanford that focus IT services on the program requirements. He is a customer advocate who continually communicates needs of the site and challenges IT to deliver services that have value. He understands the importance of end-user convenience and functionality regarding IT applications, as much as the technology behind those services. For example; when the programs faced the security challenges of providing the local tribes better access to Hanford information, he was able to relate those requirements in terms that the technology folks understood. He then worked with the technical and cyber security personnel to develop a solution that worked for everyone. When the opportunity presented itself to consolidate three major projects: HFNet, IT Disaster Recovery and Continuity of Operations (COOP), and Network Segmentation into a Cloud solution, he became the number one champion of the initiative because he recognized not just the current but future cost benefits of cloud computing.

Individual Awardee

Ben Ellison

Records Management Achievement Award

DOE Hanford/MSA Information Management — The Hanford Site Content and Records Management Program

For their outstanding achievements in Records Management and their dedication to providing Information at the Point of Performance.

The team consists of individuals from DOE, Missions Support Alliance (MSA), Lockheed Martin (LM) and other Hanford site contractors. The DOE set the vision and goals to automate and increase electronic records. The MSA provided oversight, coordination with other Hanford site contractors, and Project Management, in addition to identifying and prioritizing the initiatives. LM performed the functional and engineering tasks and implemented the finished products. The other Hanford site contractors were engaged as needed for input and collaboration.

Awardees

Supervisor:

Pam Thurman

Team Members:

Debbie Isom

Irma Meyer

Craig Davis

Patty DeForest

Marlene Oaks

Robert Roberts

Miljana Mijic

Kelli Lenz

Don Bogart

Maddy Vanisko

Sam Curtiss

Andres Montalvo

Ladd Allison

Judie Reed

Lana Perry

Mike Rieck

Josh Grubbs

Gayle Cooper

Sally Maxwell

Steven Von Vital, Supporting the Office of Energy Efficiency and Renewable Energy Electronic Records Management System (RMS)

For outstanding performance in developing and implementing the Office of Energy Efficiency and Renewable Energy Electronic Records Management System (RMS) to provide better and more efficient management of DOE electronic records.

The RMS application manages electronic records and e-mail with virtually no human intervention. It preserves and protects DOE records and helps to provide adequate and proper documentation of DOE

activities and the people affected by those activities. The RMS may be used as a model system to manage electronic records in other DOE elements.

Individual Awardee

Steven Von Vital

Privacy Distinguished Service Award

Daniel Conway, Office of Human Capital

Recognizing Daniel Conway for promoting an effective privacy program in the Office of Human Capital. Mr. Conway has been an advocate for privacy awareness and has given generously his time and expertise in support of the DOE privacy program.

Individual Awardee

Daniel Conway

CYBERSECURITY AWARDS

Innovative Technical Achievement

Battelle Energy Alliance, LLC and Idaho National Laboratory Team

Recognizing Karl Black from Idaho National Laboratory for developing and implementing a risk assessment methodology incorporating an automated Attack Tree Tool that has significantly enhanced and streamlined risk assessments for information systems.

Recognizing Steve Howard and Art Nichols from Los Alamos Laboratory for collaborating with DOE sites to further define and implement a risk assessment methodology incorporating an automated Attack Tree Tool that significantly enhances risk assessments.

During 2010 and 2011 Karl Black collaborated with Steve Howard and Art Nichols, both of Los Alamos National Laboratory (LANL), to enhance and further define a new process for conducting cyber security risk assessments. This process uses a methodology developed at LANL that combines the facilitated inputs of subject matter experts (SMEs) together with attack trees to elicit credible threats to an information system, as well as document them in a visually intuitive manner. In 2011 Mr. Black further refined, automated, and implemented an Attack Tree Tool (ATT) methodology. The Attack Tree (a formal, methodical way of describing the security of systems based on various attacks) is generated from the information obtained during interviews and meetings with SMEs familiar with the system during the risk assessment process. SMEs meet as a group with a risk assessment facilitator to brainstorm scenarios that could compromise the system's confidentiality, integrity, or availability. Attack trees are created using these scenarios using the ATT and are included graphically in the Risk Assessment Report that is submitted to officials who are responsible for accepting risk. The overall risk assessment process provides officials increased understanding of inherent and residual risks associated with information systems. The new risk assessment process and the ATT have been successfully utilized to conduct risk assessments on six National Security System networks at the INL. A demonstration of the risk

assessment process and the ATT has been provided to the DOE-HQ OCIO and the Pacific Northwest National Laboratory. The DOE-ID Operations Office approved the use of the new risk assessment methodology and use of the ATT for conducting risk assessments in July 2011.

Awardees

Supervisor:

Jeff Rydalch

Team Members:

Karl Black

Arthur Nichols

Steve Howard

2012 Charlene Douglass Memorial Award

The 2012 Charlene Douglass Award is presented to Stan Wujcik in recognition for his demonstrated excellence in service and support to the Departmental Cybersecurity Program. Mr. Wujcik has 30 years of Cybersecurity experience at various government agencies. For the past 5 years, Mr. Wujcik has served as the Cyber Security Manager for the Office of Environmental Management (EM). In this role, Mr. Wujcik currently oversees a contractor group of cyber staff and serves as a senior advisor to EM-1 on matters of Cybersecurity that affect all EM sites.